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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/585,750	10/13/2006	Masahiro Noguchi	S004-5837 (PCT)	1483
7590 04/01/2009				
Bruce L. Adams Adams & Wilks 17 Battery Place Suite 1231 New York, NY 10004			EXAMINER TRAN, PABLO N	
			ART UNIT 2618	PAPER NUMBER
			MAIL DATE 04/01/2009	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/585,750

Applicant(s)

NOGUCHI ET AL.

Examiner

Pablo N. Tran

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 December 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) 4-8 and 11 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 9, 10 and 12-36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SI/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 13, 18, 23, and 33 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Regarding claims 13, 18, 23, and 33, the claimed limitation, "time division multiple access (TDMA)", was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-3, 9-10, and 12-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shino (US Pat No 5,296,692).

As per claims 1, 9, and 30, Shino disclose a card type electronic device system comprising an adapter (fig. 10/no. 40) including self-identification means (fig. 10/no. 43a) compliant with a pre-selected recognition procedure for identifying the adapter; and a card type electronic device (fig. 10/no. 50) for selective connection to one of a first card slot of a host device without the adapter and to a second card slot of the host device via the adapter and for starting an operation upon receipt of a current supply from the first card slot or the second card slot to which it is connected; recognition means for recognizing the adapter, upon the start of an operation of the card type electronic device, in accordance with the pre-selected recognition procedure that determines whether the card type electronic device is connected to the first card slot or to the second card slot of the host device; and control means for selecting predetermined operation conditions which match the maximum supply current standard value of the first card slot when the recognition means recognizes that the card type electronic device is connected to the first card slot, and for selecting predetermined operation conditions which match the maximum supply current standard value of the second card slot when the recognition means recognizes that the card type electronic device is connected to the second card slot (fig. 10, col. 7/ln. 20-42).

Shino disclose such step of current detection to detect whether the adapter has been mounted in the slot (fig. 10, col. 7/ln. 20-42) but not explicitly that the current value with the adapter mounted is greater the current value without the adapter mounted.

However, such step is obvious to one of ordinary skill in the art at the time of invention for Shino to utilize such current detection step in order to differentiate whether the adapter is being mounted or not.

As per claims 2, 10, and 31, Shino disclose the recognition means transmits a predetermined signal to the identification means of the adapter and the identification means outputs a corresponding predetermined response to the transmitted predetermined signal; and wherein the recognition means recognizes the adapter in accordance with the predetermined response to the transmitted predetermined signal (fig. 10, col. 7/ln. 20-42).

As per claim 3, Shino discloses wherein the identification means transmits a predetermined signal to the card type electronic device, and the recognition means receives the predetermined signal from the identification means to thereby recognize the adapter (fig. 10, col. 7/ln. 20-42).

As per claims 12-28 and 32-36, Shine discloses such an adapter that different type of IC cards or memory card can be used but not explicitly the type IC cards as claimed. However, it would have been obvious to one of ordinary skill in the art at the time of invention for Shino to provide such an adapter that such claimed IC cards can be mounted in order to provide a device with such flexibility to perform various functions (communication protocols, storage device, etc..).

As per claim 29, as stated above in claim 1, Shine further discloses a card type electronic device having a connector for direct connection to the first card slot of the

host device; an adapter comprised of a housing having a first connector provided on a side thereof for connection to the second card slot of the host device, a card retaining space for receiving the card type electronic device, and a second connector provided within the card retaining space for connection to the connector of the card type electronic device when the first connector of the adapter is connected to the second card slot of the host device (fig. 10).

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pablo Tran whose telephone number is (571)272-7898. The examiner normal hours are 9:30 -5:00 (Monday-Friday). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (571)272-7899. The fax phone number for the organization where this application or proceeding is assigned is (571)273-8300.
6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) System. Status information for Published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-directauspto.gov>. Should You have questions on access to the Private PAIR system, contact the Electronic

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Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (in USA or CANADA) or 571-272-1000.

March 29, 2009

/Pablo N Tran/

Primary Examiner, Art Unit 2618